

## **Methods and Systems for Stabilizing an Amplifier**

### **Abstract**

The invention generally relates to stabilizing an amplifier. In one aspect, a stabilization module that is in electrical communication with the amplifier is provided. The stabilization module includes both an open loop control system and a closed loop control system. The open loop control system is used to modify at least one characteristic of an input signal received by the stabilization module and to pass control to the closed loop control system. The closed loop control system is then used to modify the at least one characteristic of the input signal. The modified input signal is provided to the amplifier.

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